OIPE

RAW SEQUENCE LISTING

DATE: 01/08/2002

PATENT APPLICATION: US/09/988,462

TIME: 15:38:44

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Output Set: N:\CRF3\01082002\I988462.raw

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## SEQUENCE LISTING 4 (1) GENERAL INFORMATION: (i) APPLICANT: Koziel, Michael G. Desai, Nalini M. 7 Lewis, Kelly S. 8 Kramer, Vance C. 9 Warren, Gregory W. 10 Evola, Stephen V. 11 Crossland, Lyle D. 12 Wright, Martha S. 13 Merlin, Ellis J. 14 Launis, Karen L. 15 Rothstein, Steven J. w--> 16 Bowman, Cindy G. W--> 17 Dawson, John L. W--> 18 Dunder, Erik M. W--> 19 Pace, Gary M. W--> 20 Suttie, Janet L. W--> 21 (ii) TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED 23 INSECTICIDAL ACTIVITY IN MAIZE 24 (iii) NUMBER OF SEQUENCES: 94 26 (iv) CORRESPONDENCE ADDRESS: 28 (A) ADDRESSEE: Syngenta Biotechnology, Inc. 29 (B) STREET: 3054 Cornwallis Road 30 (C) CITY: Research Triangle Park 31 (D) STATE: NC 32 (E) COUNTRY: USA 33 (F) ZIP: 27709 34 (V) COMPUTER READABLE FORM: 36 (A) MEDIUM TYPE: Floppy disk 37 (B) COMPUTER: IBM PC compatible 38 (C) OPERATING SYSTEM: PC-DOS/MS-DOS 39 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30 40 (vi) CURRENT APPLICATION DATA: 42 (A) APPLICATION NUMBER: US/09/988,462 C-->43(B) FILING DATE: 20-Nov-2001 C-->44(C) CLASSIFICATION: 45 (vii) PRIOR APPLICATION DATA: 59 (A) APPLICATION NUMBER: US 09/547,422 48 (B) FILING DATE: 11-APR-2000 49 (A) APPLICATION NUMBER: US 08/459,504 52 (B) FILING DATE: 02-JUN-1995 53 (A) APPLICATION NUMBER: US 07/951,715 (B) FILING DATE: 25-SEP-1992 57 (A) APPLICATION NUMBER: US 07/772,027 60

(B) FILING DATE: 04-OCT-1991

(viii) ATTORNEY/AGENT INFORMATION:

61

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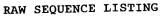
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(A) NAME: Meigs, J. Timothy
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             (C) REFERENCE/DOCKET NUMBER: S-18805I
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       (ix) TELECOMMUNICATION INFORMATION:
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             (A) TELEPHONE: (919)541-8587
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             (B) TELEFAX: (919)541-8689
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72 (2) INFORMATION FOR SEQ ID NO: 1:
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DATE: 01/08/2002 TIME: 15:38:44

PATENT APPLICATION: US/09/988,462

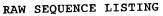
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212 GGAACATICA TEGIOGRAPIO SELECTION NO: 2:	
restant. 2469 bace ball's	
munu municia acid	
ampanded, single	
(D) TOPOLOGY: linear	
222 /:ix MOLECULE TYPE: other nucleic acid	
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may, ming foature	
1 2460	
231 (D) OTHER INFORMATION: /produce 1422 243 232 optimized synthetic Bt"	
232 optimized synthetic Be 233 /note= "Disclosed in Figure 3 as syn1T.mze"	
236 (xi) SEQUENCE DESCRIPTION. 3EQ 15 No. 1.	



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DATE: 01/08/2002 TIME: 15:38:44

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/988,462

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	T. T	T == == 1 4 A	7min∩	Acid	Number	$_{\rm LH}$	Coarna	Kegion,	CLZ	12.0
226	T.7 .	T 1 i d	7min∩	Δcid	Number	1 n	Coarna	Kegion,	Sud	10.0
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226	T.T .	Tarralid	Amino	Acid	Number	ın	COGING	Region,	SEQ	10.0
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